

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor : **Tomoki NOBUTA, et al.**
Filed : **Concurrently herewith**
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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

August 5, 2003

INFORMATION DISCLOSURE STATEMENT

SIR:

In order to comply with discretionary regulations 37 CFR 1.97 and 1.98, attached hereto is a copy of Form PTO-1449 and copies of the documents listed thereon. These documents contain information which the Examiner may consider to be important in deciding whether to issue a patent in the instant application.

As this Statement is being filed prior to issuance of a first Office Action, no fee is due.

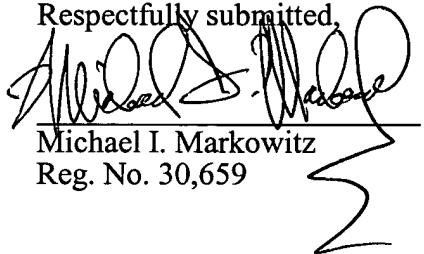
The present Disclosure Statement is being submitted in compliance with 37 CFR 1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will

determine the best prior art consistent with 37 CFR 1.104 (a), and in the course of such search will review for relevance every document cited on the attached form even if not initialed.

Early and favorable consideration is respectfully solicited.

Any fee due with this paper may be charged on Deposit Account 50-1290.

Respectfully submitted,


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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 1 of 1

U.S. DEPARTMENT OF COMMERCE

Application No. :
Filing Date :
First Named Inventor: T. NOBUTA
Group Art Unit :
Examiner Name :
Attorney Docket No.: NECW 20.531

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document	Kind Code if known ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear

FOREIGN DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		7-320780	JP	Sanyo Electric Co. Ltd.	12-08-1995	
		10-321232	JP	Fujikura Ltd.	12-04-1998	
		WO 96/13073	PCT	Hoechst Aktiengesellschaft	05-02-1996	
		WO 98/07164	PCT	Hoechst Research and Technology Deutschland GmbH & Co. KG	02-19-1998	
		2000-156329	JP	Sanyo Chem Ind Ltd., Matsushita Electric Ind. Co Ltd.	06-06-2000	
		2001-143748	JP	Denso Corp	05-25-2001	
		2001-035494	JP	Nec Corp.	02-09-2001	
		2001-118577	JP	Nec Corp.	04-27-2001	
		2001-052965	JP	Mitsui Chemicals Inc., Matsushita Electric Ind. Co Ltd.	02-23-2001	
		2002-093419	JP	Nec Corp.	03-29-2002	

Other Prior Art-Non Patent Literature Documents

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check here if English language translation attached
Examiner Signature		Date Considered	

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1 if possible. * Applicant is to place a check mark here if English language Translation is attached.

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